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CLAIMS

- 5 1. A vehicle, in particular a motor vehicle, comprising a control system allowing a user to act remotely on an actuator mechanism (1) secured to an openable panel (8) of the vehicle, characterized in that this control system comprises means (3), at the level of the vehicle, for controlling at least one action of the actuator mechanism, when a motion is detected by way of a motion sensor (7), along a favored axis of detection of motion of this sensor and characterized in that this motion corresponds to a predetermined motion.
- 10 2. The vehicle as claimed in claim 1, characterized in that this control system comprises means (3), at the level of the vehicle, for controlling at least one action of the actuator mechanism, on the basis of the signals produced by motion sensors (7A', 7B'), when one and the same motion detected by way of these sensors along their respective favored axes is manifested as a specified motion along a resultant axis (R') whose orientation is dependent on the achieved combination of sensors.
- 15 25 3. The vehicle as claimed in one of claims 1, 2, in which the speed of motion, along a favored axis (F) of the sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, which speed is determined on the basis of the signals supplied by each sensor, is utilized for the control of the actuator mechanism, in the event of the detection of a motion.
- 30 35 4. The vehicle as claimed in one of claims 1, 2, in which the distance traveled, along the favored

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axis (F) of the sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, which is determined on the basis of the signal supplied by each sensor, is utilized for the control of the actuator mechanism, in the event of the detection of a motion.

5. The vehicle as claimed in one of claims 4 [sic], in which the distance traveled such as determined, along the favored axis (F) of the sensor (7) or along the resultant axis (R') of the sensors (7A', 7B') of the control system, on the basis of the signals supplied by each sensor, in the event of the detection of a motion, is utilized for travel or angular opening control purposes, at the level of the actuator mechanism.

6. The vehicle as claimed in one of claims 1 to 5, in which the orientation of the sensor or sensors on the vehicle is fixed in such a way that the favored axis of each sensor of the control system which is associated with the actuator mechanism of an openable-panel is oriented so as to detect motions occurring in at least one of the directions corresponding respectively to the direction of opening or of closing of the openable-panel.

7. The vehicle as claimed in one of claims 1 to 6, in which the openable-panel actuator mechanism (1) which is controlled is an openable-panel opening and/or closing electromechanical or mechanical assembly.

8. The vehicle as claimed in one of claims 1 to 7, in which the openable-panel control system is associated with a "hands free" access device (4,

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5) which controls a mechanism for locking/unlocking (2) at least one lock of an openable-panel of the vehicle.

5 9. The vehicle as claimed in one of claims 1 to 8, in which the openable-panel control system acts on an actuator mechanism (1) ensuring the opening and/or the closing of an openable-panel (8 or 8'), this control system comprising one or more motion
10 sensors (7 or 7A', 7B') disposed on the openable-panel or in proximity to the openable-panel on the vehicle.

15 10. The vehicle as claimed in one of claims 1 to 9, in which the control system comprises one or more motion sensors, of the ultrasound transmitter/receiver type.

20 11. The vehicle as claimed in one of claims 1 to 9, in which the control system comprises one or more motion sensors, of the microwave frequency signal transmitter/receiver type.

25 12. The vehicle as claimed in one of claims 1 to 11, in which the means (3 and 7 or 7A', 7B') for controlling an openable-panel actuator mechanism (2) are designed so as to determine the control action to be effected as a function of the direction of motion as defined on the basis of the
30 signal supplied by the sensor or sensors, preferably on the basis of a predetermined minimum threshold value of motion.

35 13. The vehicle as claimed in claim 12, in which the direction of the specified motion, required to control the opening or the closing of an openable-panel by an actuator mechanism (2) under the

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control of the means (3 and 7 or 7A', 7B') making
it possible to control this mechanism, is chosen
so as to correspond to the direction of motion of
opening or of closing of the openable-panel which
is requested.

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14. A control system for openable-panel and in
particular for trunk openable-panel (8 or 8') of a
vehicle, such as a motor vehicle, this system
being devised so as to allow a user to act
remotely on an actuator mechanism (2) secured to
the openable-panel in the vehicle, characterized
in that it comprises means (3 and 7 or 7A', 7B'),
intended to be mounted on the vehicle, for
controlling at least one action of the actuator
mechanism, as a function of the displacement of an
object, such as a hand, in a delimited control
zone adjoining the openable-panel, this
displacement being determined on the basis of the
signals supplied by at least one motion sensor (7
or 7A', 7B'), of the motion detection signals
transmitter/receiver type, which the system
comprises and which is intended to be placed on or
in proximity to the openable-panel, the radiation
pattern of the or of each of the sensors being
fixed in such a way as to delimit the control zone
in the vicinity of the openable-panel.

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